

# Service Schematics



## RM-176



### Introduction

**Important:**  
This document is intended for use by authorized service centers only.

“Service Schematics“ was created with focus on customer care.  
The purpose of this document is to provide further technical repair information for NOKIA mobile phones on Level 3/4 service activities.  
It contains additional information such as e.g. “Component finder”,  
“Frequency band table” or “Antenna switch table”.  
The “Signal overview” page gives a good and fast overview about the most important signals and voltages on board.  
Saving process time and improving the repair quality is the aim of this document.  
It is to be used additionally to the service manual and other training or service information such as Service Bulletins.

All measurements were made using following equipment:

- Nokia repair SW : Phoenix version 2006.44.6.163
- Oscilloscope : Fluke PM 3380A/B
- Spectrum Analyzer : Advanced R3162 with an analog probe
- RF-Generator/GSM Tester : Rhode & Schwarz CMU 200
- Multimeter : Fluke 73 Series II

While every endeavour has been made to ensure the accuracy of this document, some errors may exist. If the reader finds any errors, NOKIA should be notified in writing.

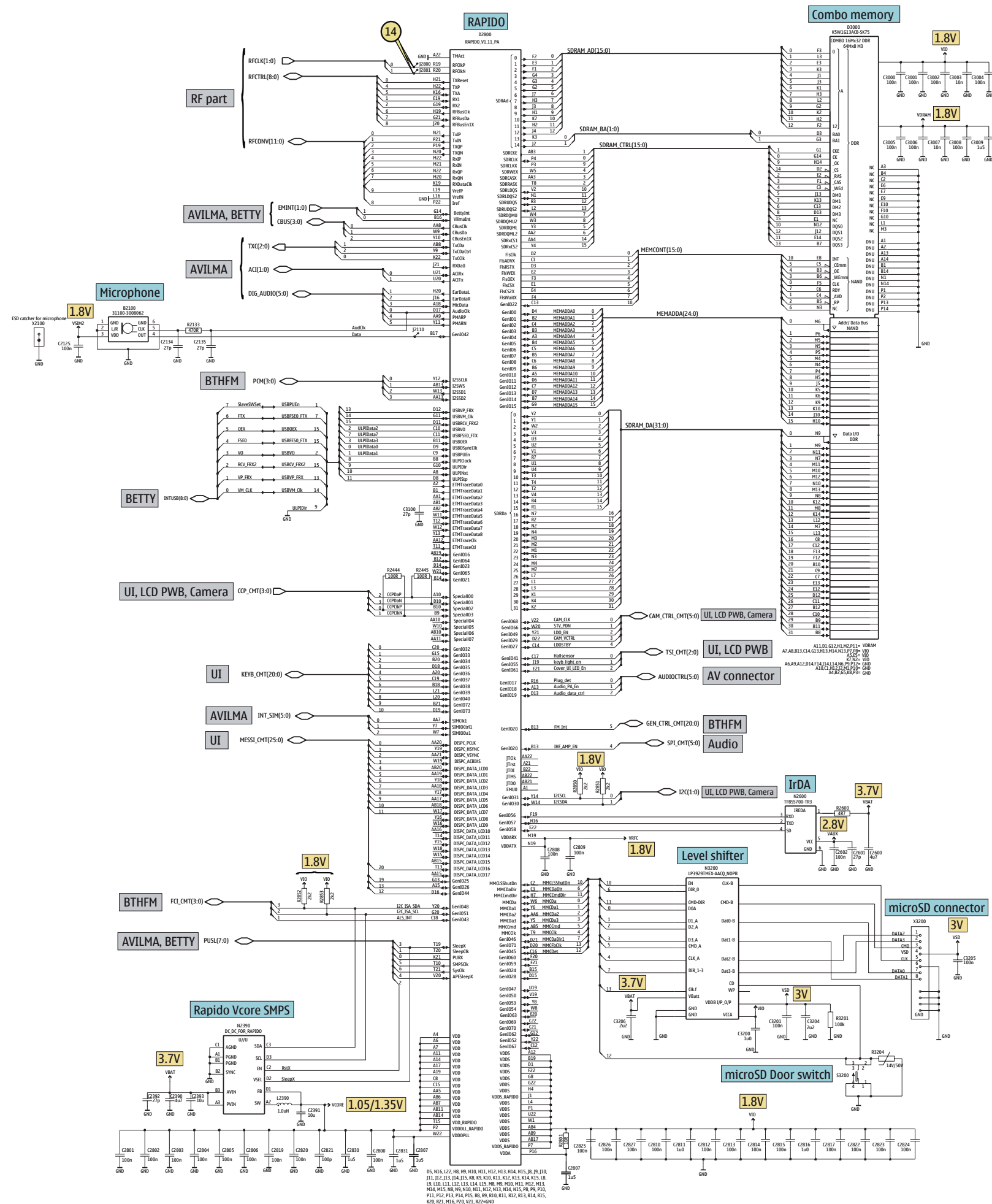
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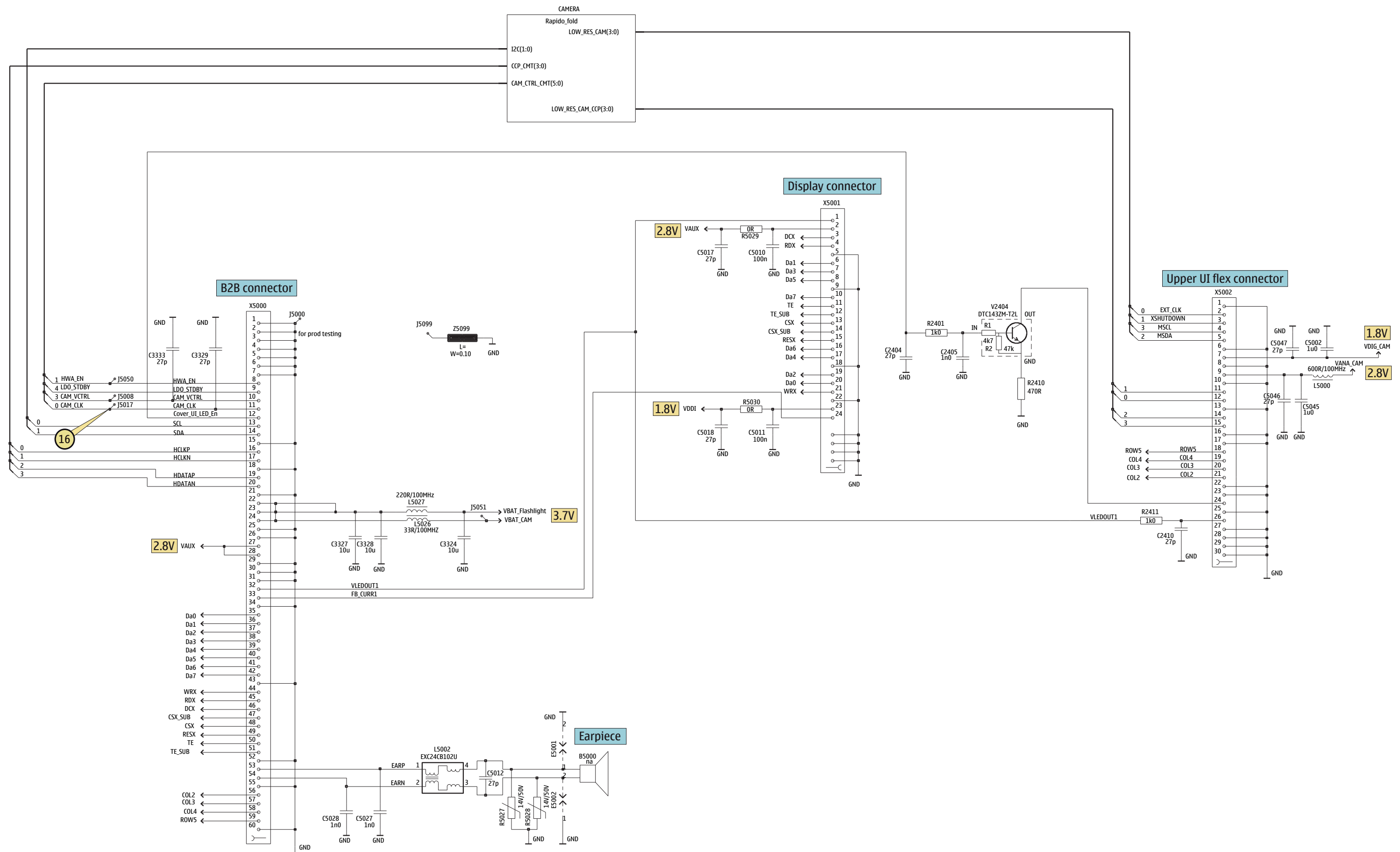




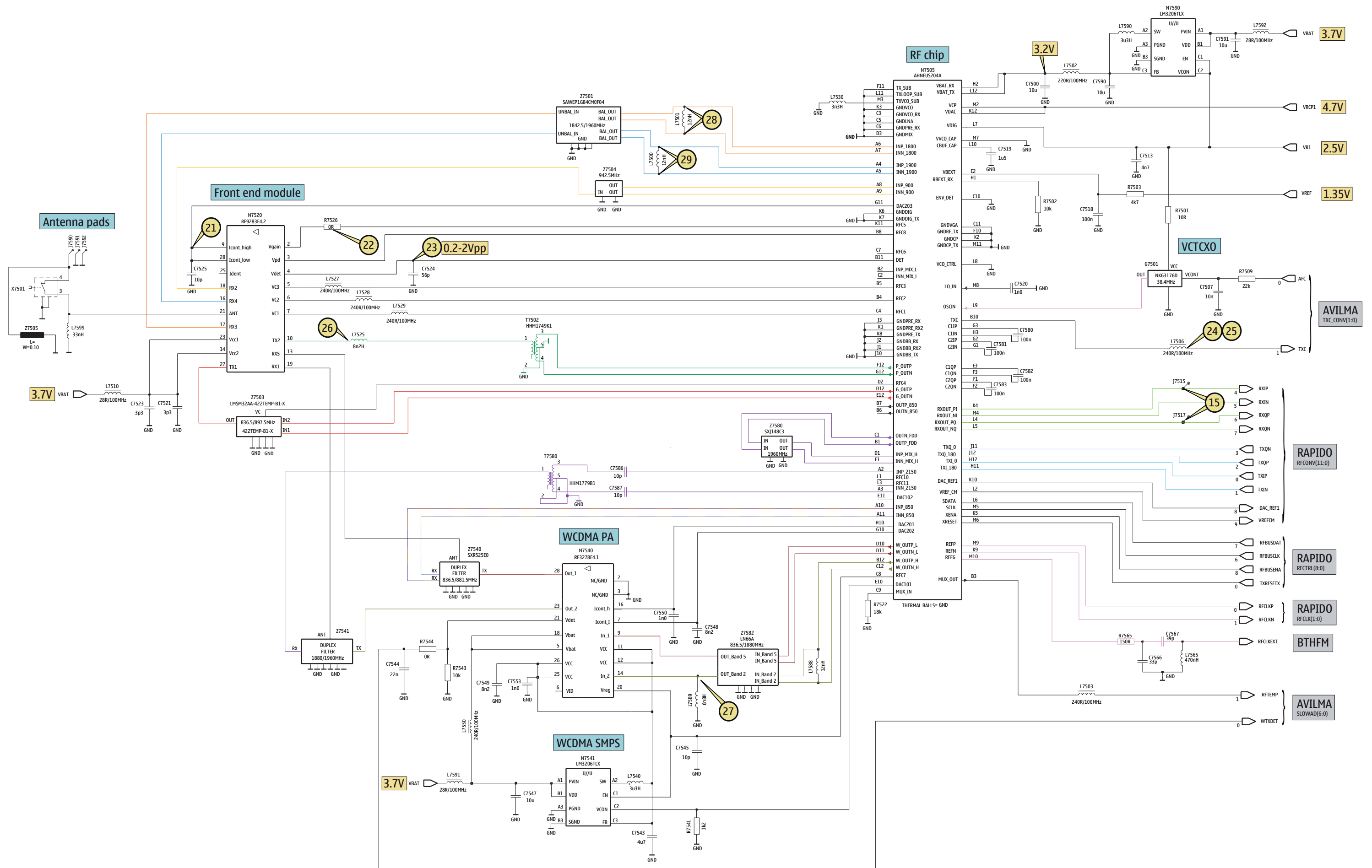




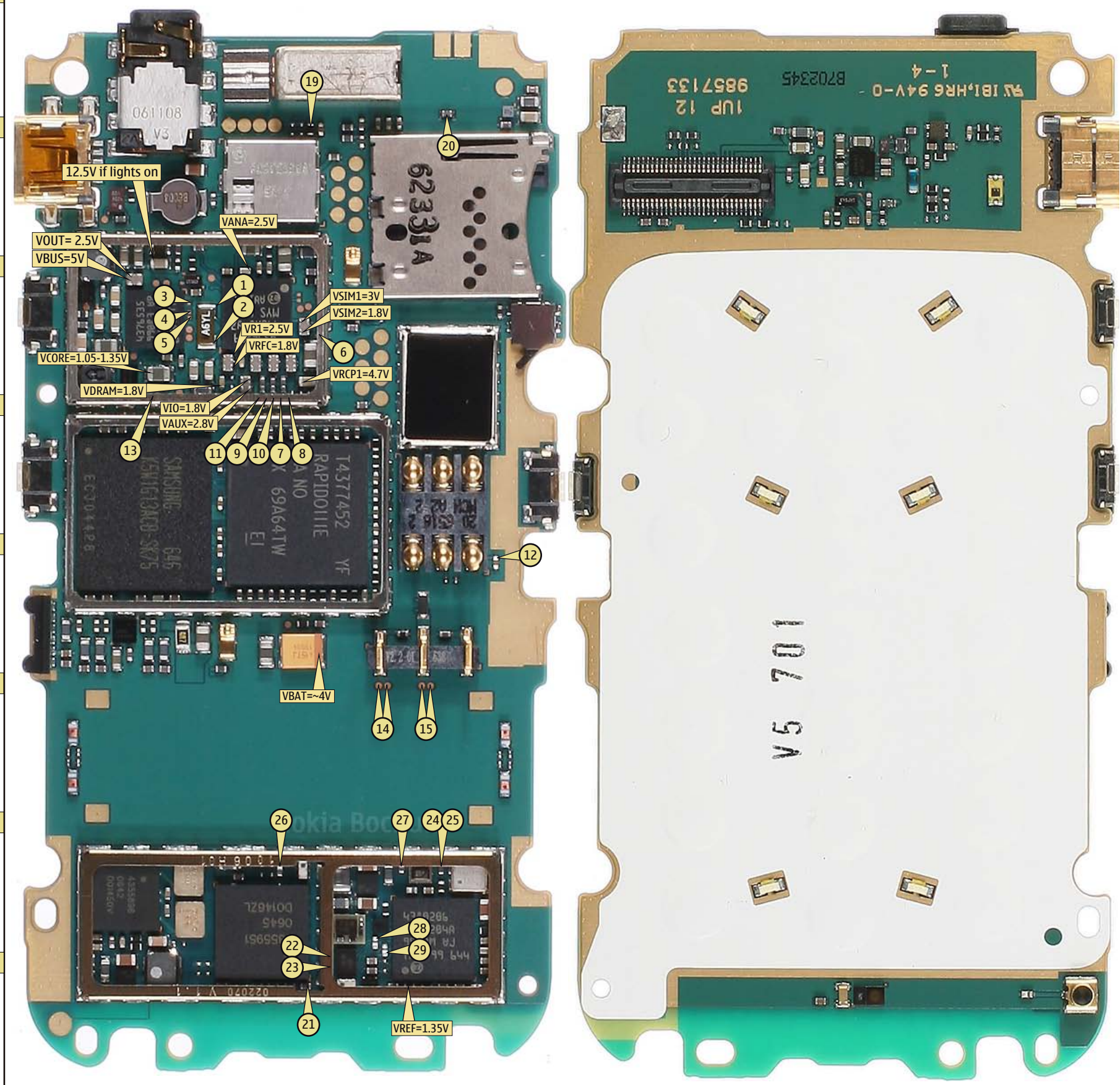
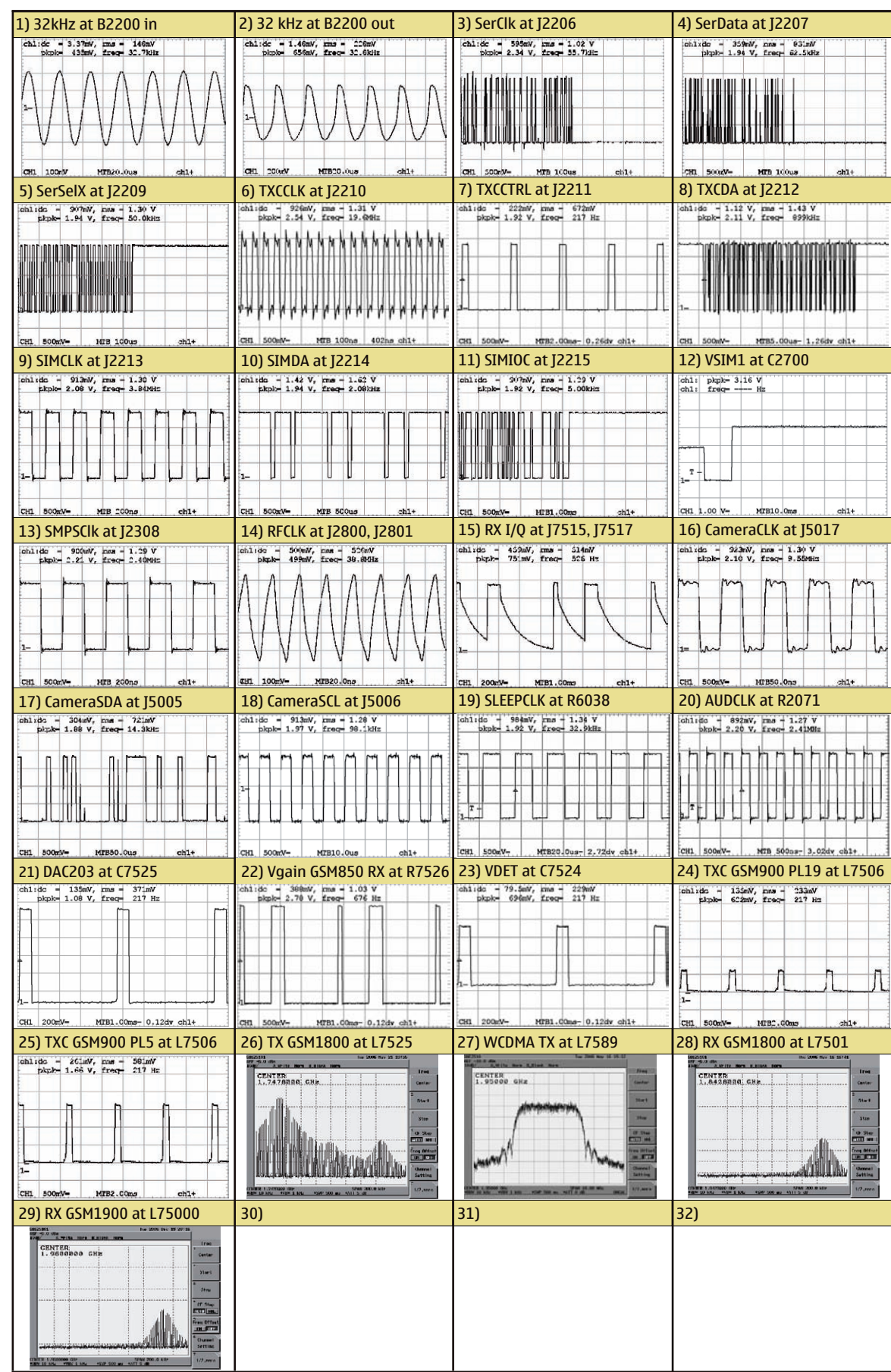






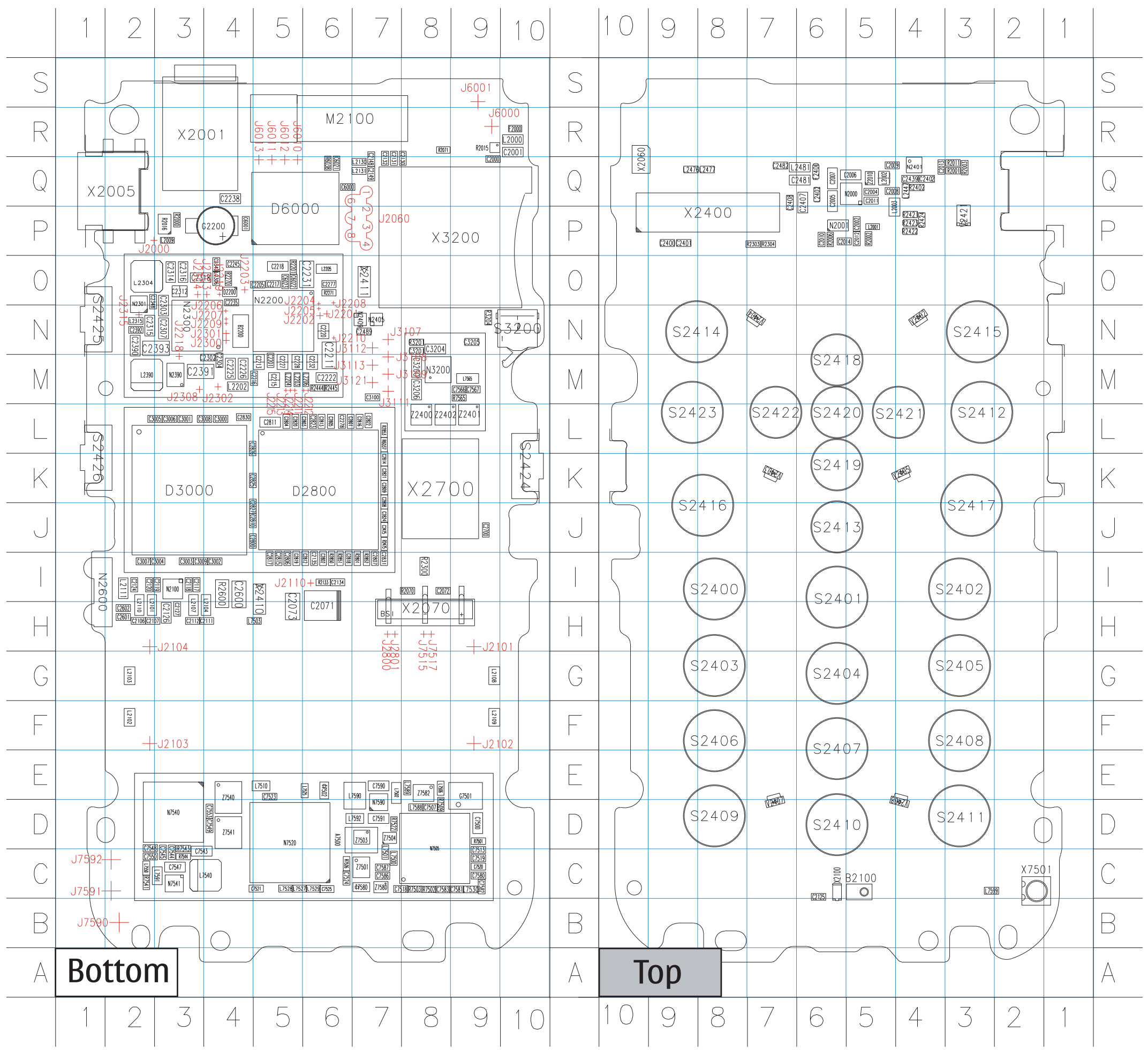








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B2100	C5	C2314	O3	C3200	M8	J2209	N4	L2477	O8	R2444	M6
B2200	N4	C2315	N2	C3201	N8	J2210	N6	L2481	O6	R2445	M6
C		C2316	O3	C3204	N8	J2211	M5	L7500	C7	R2475	J7
C2000	Q9	C2318	O3	C3205	N9	J2212	M6	L7501	C7	R2600	I4
C2001	R10	C2343	O4	C3206	M8	J2213	M5	L7502	E7	R2801	I7
C2002	P5	C2348	O2	C6000	Q6	J2214	M5	L7503	H5	R2850	I6
C2004	Q5	C2390	N2	C6001	P4	J2215	M5	L7506	E8	R2851	I6
C2005	Q6	C2391	M3	C6021	Q6	J2218	M3	L7510	E5	R2852	I7
C2006	Q5	C2392	N2	C6022	O5	J2219	O4	L7525	E6	R2853	L7
C2007	Q6	C2393	N3	C6023	O5	J2300	N4	L7527	C5	R3201	N8
C2008	Q5	C2400	P9	C7500	D9	J2301	N4	L7528	C5	R3204	N9
C2009	Q5	C2401	P9	C7507	D8	J2302	M4	L7529	C6	R6037	L7
C2010	P6	C2402	Q4	C7513	C9	J2303	O4	L7530	C9	R6038	Q6
C2011	Q5	C2407	Q6	C7518	C7	J2304	O3	L7540	C4	R7501	D9
C2012	P5	C2408	Q7	C7519	C9	J2308	M3	L7550	C2	R7502	C8
C2013	Q4	C2439	Q4	C7520	C9	J2315	N2	L7565	M9	R7503	C8
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C2132	Q7	C2810	J4	C7586	C7	J7591	C2	N2409	N7	V2404	N7
C2134	I6	C2811	L5	C7587	C7	J7592	C2	N2600	I1	V2405	K4
C2135	I6	C2812	I6	C7590	E7	L	N3200	M8	V2407	D7	
C2148	Q7	C2813	L6	C7591	D7	L2000	R10	N7505	D8	V2408	D4
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C2245	O4	C3003	I3	J2201	N6	L2206	M6	R2300	I8	Z7503	D7
C2277	O6	C3004	I3	J2202	N6	L2304	O2	R2303	P7	Z7504	D7
C2278	L6	C3005	L3	J2203	O4	L2306	O4	R2304	P7	Z7540	E4
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C2303	N3	C3007	I2	J2205	N6	L2390	M2	R2421	P4	Z7580	C7
C2304	M4	C3008	L4	J2206	N4	L2402	Q6	R2422	P4	Z7582	E8
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C	J5005	08
C2404	N3	J5006 08
C2405	B4	J5008 P7
C2410	C5	J5015 07
C3300	N6	J5017 N8
C3301	Q5	J5020 08
C3303	08	J5021 N4
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C3305	M7	J5051 P7
C3306	P7	J5099 Q3
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C3313	P7	L3333 P7
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C3370	07	R3354 P2
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C5011	B9	R5028 A4
C5012	B4	R5029 B8
C5017	B8	R5030 B9
C5018	B9	V
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C5028	C3	V3350 P2
C5045	A4	V3351 03
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